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> Ms. Marlene H. Dortch Secretary Federal Communications Commission 445 12th Street, S.W., TW-A325 Washington, D.C. 20544

> > Re:

In the Matter of Amendment of Section 73.622(b), Table of Allotments, Digital Television Broadcast Stations (Norwich, Connecticut)

MB Docket No. 04-184

RM-10968

Dear Ms. Dortch:

Enclosed please find, on behalf of Hearst-Argyle Properties, Inc., the original and four copies of Comments of Hearst-Argyle Properties, Inc. for filing in the above-referenced matter.

If any questions should arise during the course of your consideration of this matter, it is respectfully requested that you communicate with the undersigned.

Sincerely,

David Kushner

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Enclosures

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# Before the Federal Communications Commission Washington, D.C. 20554

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In the Matter of	)	FEDERAL COMMUNICATIONS COMMISSION OFFICE OF THE SECRETARY
Amendment of Section 73.622(b),	Ś	MB Docket No. 04-184
Table of Allotments,	j	RM-10968
Digital Television Broadcast Stations	)	
(Norwich, Connecticut)	Ć	

#### COMMENTS OF HEARST-ARGYLE PROPERTIES, INC.

Hearst-Argyle Properties, Inc., licensee of Stations WMUR-TV and WMUR-DT, Manchester, New Hampshire, NTSC Channel 9 and DTV Channel 59 ("WMUR"), through its attorneys and pursuant to Sections 1.420, 73.622(a), and 73.623(c) of the Commission's rules, hereby submits the instant comments in response to the *Notice of Proposed Rule Making* ("*Notice*"), released May 14, 2004, in the above-captioned proceeding. The *Notice* requests comments regarding the petition of Connecticut Public Broadcasting, Inc., licensee of Station WEDN(TV), Norwich, Connecticut ("WEDN"), to amend Section 73.622(b), the DTV Table of Allotments, by substituting DTV Channel 9 for its currently assigned DTV Channel 45. Attached hereto and made a part of the instant Comments is the Engineering Statement of Joseph M. Davis, of Cavell Mertz & Davis Inc., WMUR's consulting engineer.

WMUR urges the Commission to reject WEDN's proposal because the proposal (1) violates the two percent *de minimis* standard specified in Section 73.623(c)(2) of the Commission's rules; (2) unfairly constrains WMUR's ability to operate its digital facility on its current NTSC Channel 9 at the end of the digital television transition; and (3) is contrary to the public interest because additional interference would be caused to numerous WMUR viewers.

### I. WEDN's Proposal Violates the Two Percent *De Minimis* Standard in Section 73.623(c)(2)

Section 73.623(c)(2) of the Commission's rules provides that a request to amend the DTV Table of Allotments "must demonstrate that the requested change would not result in more than an additional 2 percent [of] the population served by another station being subject to interference" and that "[t]he station population values for existing NTSC service and DTV service contained in Appendix B of the *Memorandum Opinion and Order on Reconsideration of the Sixth Report and Order*... are to be used for the purposes of determining whether a power increase or other changes is permissible under this *de minimis* standard."

In WEDN's Petition for Rule Making in the instant proceeding, WEDN asserts that the proposal will result in 1.86% interference to WMUR's NTSC facility. *See* WEDN Petition, Technical Exhibit, Figure 3. WEDN's calculation is based on a baseline population of 4,956,255 persons served by WMUR and interference to 91,949 WMUR viewers.

However, WEDN's calculation violates Section 73.623(c)(2) because it does not use the baseline population for WMUR specified in Appendix B of the *Memorandum Opinion and Order* on *Reconsideration of the Sixth Report and Order*. Appendix B specifies that the NTSC baseline population for WMUR is 4,322,000. The interference to 91,949 persons represents 2.13% of the baseline population specified in Appendix B, which obviously exceeds the 2% *de minimis* threshold.

In addition to the plain textual language of Section 73.623(c)(2) requiring the use of Appendix B population values for *de minimis* interference evaluations, the Commission has unequivocally stated that Appendix B population values control, and it has specifically refused to adopt modified analyses that would consider other baseline values on the grounds that it would be

<sup>&</sup>lt;sup>1</sup> 13 FCC Rcd 7418 (1998).

inequitable to change course in midstream. See Review of the Commission's Rules and Policies Affecting the Conversion to Digital Television, Memorandum Opinion and Order on Reconsideration, 16 FCC Red 20594 (2001), ¶ 60-61.

Because WEDN's proposal would result in 2.13% interference to WMUR's viewers, the proposal violates the 2% *de minimis* standard specified in Section 73.623(c)(2). Accordingly, the Commission should deny WEDN's proposal.

# II. WEDN's Proposal Would Unfairly Constrain WMUR's Ability to Operate Its Digital Facility on Its Current NTSC Channel 9 at the End of the Digital Television Transition

As WMUR's assigned DTV Channel 59 is out-of-core, it will be necessary for WMUR to convert its digital operation to its current NTSC Channel 9 at the end of the digital television transition. WMUR's DTV "reversion" to Channel 9 is not speculative but is a necessary result of the Commission's DTV Table of Allotments and the unlikelihood of WMUR being able to find an acceptable alternative DTV channel with characteristics comparable to those of a favorable high VHF channel such as Channel 9, particularly in the northeastern United States where analog and digital operations are already overly crowded. Indeed, the Commission has already recognized the virtual certainty of WMUR's future use of Channel 9 for its DTV operation by presuming that stations with one in-core and one out-of-core channel will remain on their in-core channel after the DTV transition. See Review of the Commission's Rules and Policies Affecting the Conversion to Digital Television, Report and Order and Further Notice of Proposed Rule Making, 16 FCC Rcd 5946 (2001), ¶16 ("We presume that, except in extraordinary circumstances, stations that have one in-core and one out-of-core channel will remain on their in-core channel after the transition.").

- 3 -

While the Commission has acknowledged for some time the likelihood that stations such as WMUR will revert back to their in-core NTSC channel for post-transition DTV operations, it has yet to resolve issues concerning the DTV channel election process and, in particular, the procedures for stations to protect their post-transition DTV channel. *See* Second Periodic Review, *Notice of Proposed Rule Making*, MB Docket No. 03-15, FCC 03-8 (2003). Because of the current lack of channel election procedures, WMUR is unable to protect itself from constraints on its future Channel 9 DTV facilities that would result from WEDN's proposal. Specifically, if WEDN's proposal is accepted, WMUR will be unable to maximize its DTV facilities because such maximized facilities will cause more than 2% interference to the proposed WEDN-DT facilities on Channel 9. *See* Engineering Statement.

Because it is a virtual certainty that WMUR will use Channel 9 for its post-transition DTV operations, it would be unreasonable and inequitable to deprive WMUR of the full digital use of its long-time traditional NTSC channel. Furthermore, WMUR was an "early adopter" of digital television and has been licensed for full-power DTV operation on Channel 59 since early 2000. WMUR should not be penalized for having been allotted an out-of-core DTV transition channel by the Commission with no procedure to protect its future DTV operation.

Because adoption of WEDN's proposal would preclude WMUR from fully maximizing its DTV service on Channel 9, the Commission should deny WEDN's proposal or, at a minimum, defer consideration of the proposal until the channel election issues in MB Docket No. 03-15 have been resolved and WMUR has been afforded an opportunity to protect its future DTV operations on Channel 9.

85903.3

### III. WEDN's Proposal Is Contrary to the Public Interest Because Additional Interference Would Be Caused to Numerous WMUR Viewers

Where, as here, a proposal results in interference to a substantial number of viewers, such a proposal is not in the public interest. Case law has long recognized that "losses in service are *prima facie* inconsistent with the public interest," *West Mich. Telecasters, Inc. v. FCC*, 460 F.2d 883, 889 (D.C. Cir. 1972), and "that ... curtailment of service is not in the public interest is axiomatic," *Hall v. FCC*, 237 F.2d 567, 572 (D.C. Cir. 1956). As set forth in WEDN's own Petition, WEDN's proposal would result in interference to 91,949 viewers of WMUR's present NTSC Channel 9 facility. Interference to a substantial number of WMUR's viewers would continue when WMUR converts to Channel 9 for its post-transition DTV operations, which, as discussed above, is a virtual certainty. Such interference would substantially harm the ability of significant populations to receive WMUR's local and national programming, including, in particular, its unique and vital political coverage.

WEDN's proposal suggests that a grant of the proposal will result in an increase in service to a certain population. See WEDN Petition, ¶ 3. However, more than counterbalancing any such increase in service are the facts that (1) WEDN operates as a satellite station for Station WEDH, Hartford, Connecticut; (2) based on a review of WEDN's website (www.cptv.org), WEDN carries no unique programming not already carried on WEDH; and (3) the northeastern United States is already overly congested with analog and digital television operations. Since the vast majority of WEDN's proposed service population would merely be receiving service 100% duplicative of the service already being received from WEDH, it is unreasonable and unwarranted to subject any WMUR viewers to loss of WMUR's unique local and network programming because of interference

85903.3 - 5 -

from a service whose programming the viewers already receive from another affiliated source.<sup>2</sup>

In addition, because the DTV allotments have already crowded NTSC and DTV operations in the northeastern United States, there is simply no substantial public interest benefit to an allotment proposal that would result in even more interference in this particular region.

Finally, even assuming, *arguendo*, some public interest benefit from the proposed channel change, any such benefit is outweighed by the significant detriment to the substantial number of viewers who will lose over-the-air service from WMUR. The loss of service to nearly 100,000 persons is an overriding public interest harm. Accordingly, the Commission should deny WEDN's proposal.

#### Conclusion

For the foregoing reasons, WMUR respectfully requests that the Commission reject the amendment to the DTV Table of Allotment proposed in the *Notice*.

5903.3

<sup>&</sup>lt;sup>2</sup> WEDH-DT and WEDN-DT have previously proposed a channel swap. See WEDN Petition, ¶4 n.1 (citing File Nos. BMPEDT-20031008AAT and BPEDT-19990113KG (as amended Oct. 8, 2003)). If the Commission were to allow WEDH-DT to operate on Channel 45, then a substantial portion of WMUR's viewers who would receive interference from WEDN-DT on Channel 9—in the tens of thousands—would simply be losing service due to interference from a satellite station that merely duplicates completely the service of another station that already serves those same people. See Engineering Statement at 3. In this context involving a satellite station in the congested northeastern corridor, the public interest calculus must surely account for this needless loss of service to a full-power station providing unique programming and local service. WMUR expresses no opinion on the merits of the channel swap itself, so long as WEDN's instant proposal to move to Channel 9 is rejected.

Respectfully submitted,

HEARST-ARGYLE ROPERTIES, INC.

Mark J. Frak

David Kushner
Coe W. Ramsey

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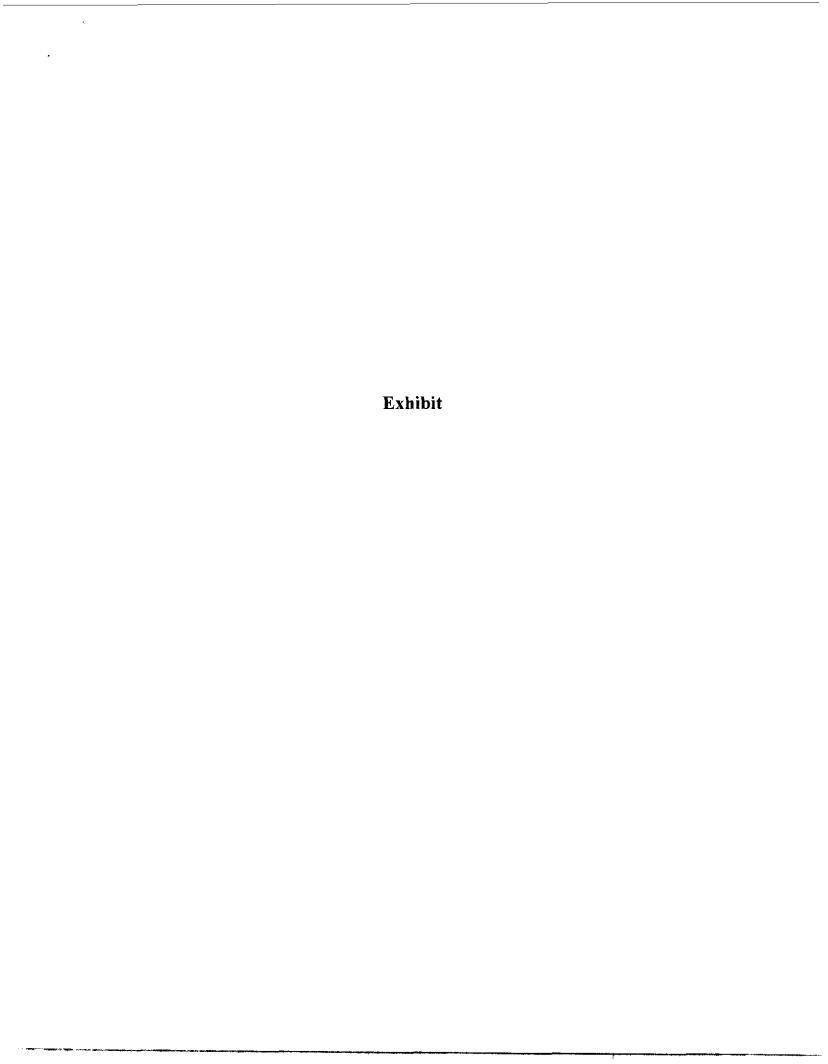
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(919) 839-0304

Its Attorneys

July 6, 2004



#### **ENGINEERING STATEMENT**

prepared for

Hearst-Argyle Properties, Inc.

WMUR-TV Ch. 9 Manchester, NH

Facility ID 73292

This engineering statement has been prepared on behalf of *Hearst-Argyle Properties*, *Inc.* ("*Hearst-Argyle*"), in support of *Comments* in a Notice of Proposed Rulemaking, Media Bureau Docket 04-184.<sup>1</sup> The subject docket proposes to change the paired digital television (DTV) assignment for WEDN (NTSC Channel 53, Norwich, CT) from DTV Channel 45 to DTV Channel 9, as requested by the licensee of WEDN, *Connecticut Public Broadcasting*, *Inc.* ("*CPBI*").

Hearst-Argyle is the licensee of WMUR-TV, Manchester, NH. As discussed below, the proposed allotment change may impact the ability of WMUR-TV to fully utilize its existing analog channel for its final DTV operation.

WMUR-TV is licensed to operate on analog Channel 9 (BMLCT-218) and DTV Channel 59 (BLCDT-19990927ABC). The Channel 59 DTV operation is not within the "core" of Channels 2 through 51. Following the DTV transition, the WMUR-DT operation will have to vacate Channel 59 in favor of a "core" channel, and it is anticipated that *Hearst-Argyle* will choose its existing analog Channel 9 for permanent DTV operation. Due to the congested nature of the television "core" spectrum in the region (nearby to Boston and New York City), it is not likely that any alternate core channel could provide the same level of service as Channel 9 for the permanent WMUR-DT (DTV) operation.

WMUR-TV is located 169.3 km from the proposed allotment point for WEDN-DT Channel 9. This distance is 75.3 km short of the minimum separation requirement of 244.6 km as specified in §73.623(d) of the Commission's Rules for co-channel DTV and analog stations. For co-channel DTV stations (*i.e.*, the future WMUR-DT), the minimum separation distance is also 244.6 km. While the Commission typically does not evaluate changes in the original DTV allotment table based on minimum separation distances, the lack of sufficient distance does underscore that

<sup>&</sup>lt;sup>1</sup>See Amendment of Section 73.622(b), Table of Allotments, Digital Television Broadcast Stations (Norwich, Connecticut), MB Docket No. 04-184, RM 10968, released May 14, 2004.

#### **ENGINEERING STATEMENT**

(Page 2 of 3)

interference between the proposed WEDN-DT facility and WMUR-TV is likely for the current analog and future digital WMUR-TV facilities.

WMUR-TV is licensed to operate with an effective radiated power ("ERP") of 282 kW and an antenna height above average terrain ("HAAT") of 314 meters. This represents a maximum analog television facility on a high-band VHF channel in Zone I under §73.614(b)(3). For a future DTV operation of WMUR-DT on Channel 9 (at the licensed analog site and antenna height), the maximum facility is 27.5 kW at 314 meters HAAT.

An interference study based on the Commission's OET Bulletin 69<sup>2</sup> shows that a maximum WMUR-DT facility on Channel 9 does not comply with the present 2% / 10% de minimis interference limit with respect to the proposed WEDN-DT Channel 9 allotment. The study determined the additional interference which would be caused should WMUR-TV change from a maximum analog facility to a maximum digital facility on Channel 9.

The attached **Table 1** provides a portion of the output results from the interference analysis, corresponding to WEDN-DT. As indicated thereon, under some scenarios WMUR-DT would "fail" the de minimis limit, causing between 2.2 and 2.6 percent additional interference to WEDN-DT allotment. For instance, under scenario number 18 the interference experienced by WEDN-DT would increase by 53,633 persons (1990 Census data), representing a 2.57 percent increase utilizing a baseline population of 2,090,387.<sup>3</sup>

<sup>&</sup>lt;sup>2</sup>Office of Engineering and Technology Bulletin number 69, Longley-Rice Methodology for Evaluating TV Coverage and Interference, February 6, 2004. The implementation of OET-69 for this study followed the guidelines of OET-69 as specified therein. A standard cell size of 2 km was employed, which matches that employed in the WEDN-DT Petition for Rulemaking in MB Docket 04-184. Comparisons of various results of this computer program (run on a Sun processor) to the Commission's implementation of OET-69 show excellent correlation.

<sup>&</sup>lt;sup>3</sup>The baseline population for DTV stations is the greater of NTSC or DTV Service Population, from final FCC "Appendix B" table in MM Docket 87-268. For the original WEDN-DT allotment, the NTSC service population is 838,000 and the DTV service population is 839,000. However for allotment changes a new interference-free DTV service population is derived, based on the new DTV allotment. In this case, the specific population varies slightly by scenario. The 2,090,387 persons calculated in the scenario 18 above is not substantially different from the 2,079,000 persons cited in the underlying WEDN-DT Petition for Rulemaking in MB Docket 04-184.

ENGINEERING STATEMENT

(Page 3 of 3)

Many scenarios show a 2.2 percent increase in interference, such as scenario number 3. Here,

interference to WEDN-DT increases by 45,703 persons, which is 2.16 percent of the 2,112,396

baseline population in this scenario.

These results show that under the current FCC criteria, WMUR-DT would not be able to

achieve a maximum DTV facility on Channel 9, due to interference in excess of 2 percent being

caused to WEDN-DT. Further, the interference analysis showed that only WEDN-DT would be

subject to interference in excess of the present 2% / 10% de minimis interference limit. Therefore,

if granted, the WEDN-DT channel change proposal could have a limiting effect on WMUR-DT's

ability to employ its analog channel with a maximum DTV facility.

Finally, it is noted that WEDN is apparently a satellite station of WEDH(TV) (Facility ID

13602, Hartford, CT), also licensed to CPBI. CPBI is also proposing that the WEDH-DT operation

will employ WEDN's existing DTV allotment of Channel 45 (BPEDT-19990113KG). Examination

of the areas of new interference caused to WMUR-TV by WEDN-DT on Channel 9 shows that a

significant portion of these areas of new interference would receive interference-free service from

WEDH-DT on Channel 45.

The undersigned hereby certifies that the foregoing statement was prepared by him or under

his direction, and that it is true and correct to the best of his knowledge and belief.

Joseph M. Davis, P.E

July 2, 2004

Cavell, Mertz & Davis, Inc. 7839 Ashton Avenue Manassas, VA 20109

(703) 392-9090

List of Attachments

Table 1

OET Bulletin 69 Analysis Results

#### Table 1

#### INTERFERENCE ANALYSIS RESULTS ANALYSIS OF KHBS(TV)

prepared for

### Hearst-Argyle Properties, Inc. WMUR-TV Ch. 9 Manchester, NH

Facility ID 73292

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-30-2004 Time: 11:04:36

Record Selected for Analysis

WMUR-DT USERRECORD-01 MANCHESTER NH US Channel 09 ERP 27.5 kW HAAT 315. m RCAMSL 00453 m Latitude 042-58-59 Longitude 0071-35-19

Status APP Zone 1 Border

Last update Cutoff date Comments

Docket

Applicant

#### 

Analysis of Interference to Affected Station 3

Analysis of current record

Analysis of Call
Channel Call
City/s
MPDN NORWICH CT City/State Application Ref. No. BPRM -20040109AEI

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	n Ref. No.
0.8	WTNH	NEW HAVEN CT	66.2	LIC	BLCT	-19960926KF
8.0	WNJB	NEW BRUNSWICK NJ	219.8	CP MOD	BMPEDT	-20000425AAM
80	WMBC-DT	NEWTON NJ	210.5	PLN	DTVPLN	-DTVP0043
09	WMUR - TV	MANCHESTER NH	169.4	LIC	BMLCT	-218
09	WMURTV	MANCHESTER NH	169.4	PLN	DTVPLN	-NPLN0612
09	WWOR-TV	SECAUCUS NJ	178.8	LIC	BLCT	-19810514KF
09	WWOR-TV	SECAUCUS NJ	174.8	APP	BPCT	-20040225AAQ
09	WIXT-TV	SYRACUSE NY	354.7	LIC	BLCT	-19860717KF
09	WBPH-DT	BETHLEHEM PA	294.2	LIC	BPRM	-20011130AHC
09	WBPH-TV	BETHLEHEM PA	294.2	CP MOD	BMPCDT	-20030522ADF
09	WWLF-DT	HAZLETON PA	331.6	PLN	DTVPLN	-DTVP0058
09	WVER-TV	RUTLAND VT	249.8	APP	BPRM	-20000803AAC
10	WTNH-DT	NEW HAVEN CT	66.2	PLN	DTVPLN	-DTVP0068
10	WTNH	NEW HAVEN CT	66.2	CP MOD	BMPCDT	-20031219ACC
10	WTEN	ALBANY NY	195.5	LIC	BLCT	-1285
10	WJAR	PROVIDENCE RI	82.5	LIC	BLCT	-2395
09	WMUR - DT	MANCHESTER NH	169.4	APP	USERRECORI	0-01

Total scenarios = 20

Result key: 1
Scenario 1 Affected station 3 Before Analysis

20040109AEI APP Results for: 9A CT NORWICH BPRM HAAT 192.0 m, ATV ERP 6.0 kW

within Noise Limited Contour 3906178 21161.2 not affected by terrain losses lost to NTSC IX 3173808 19538.7 1002470 2853.5 145.3 lost to additional IX by ATV lost to ATV IX only 64813 357397 920.2 lost to all IX 2998.8 1067283

Potential Interfering Stations Included in above Scenario

8N CT NEW HAVEN BLCT 19960926KF LIC

### Table 1 (page 2 of 16)

9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 10A CT NEW HAVEN	DTVPLN BLCT BLCT BLCT DTVPLN	NPLN0612 19810514KF 19860717KF 2395 DTVP0068	PLN LIC LIC LIC PLN	
After Analysis				
Results for: 9A CT NORWICH		BPRM		APP
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	6.0 kW	OPULATION ARE	RA (sa km)	
within Noise Limited Con	tour	3906178 2	21161.2	
not affected by terrain	losses	3173808 1	19538.7	
lost to MISC IX	ATV	274874	1590.2	
lost to ATV IX only		1060002	3241.0	
lost to all IX		1107115	3446.8	
Potential Interfering Stat	ions Inc	luded in above	Scenario	1
8N CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NJ SECAUCUS	BLCT	19810514KF	LIC	
10N RI PROVIDENCE	BLCT	2395	FIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 10A CT NEW HAVEN 9A NH MANCHESTER	USERREC	ORD01	APP	
Result key: 2 Scenario 2 Affected Before Analysis	station	3		
Results for: 9A CT NORWICH		BPRM	20040109AET	APP
ממש נותא 🖚 מ כמו ידאאנו	C 0 1-14			••••
Waina Timina dan	P(	OPULATION ARE	EA (sq km)	
not affected by terrain	tour losses	3906178 2 3173808 1	21161.2 19538.7	
lost to NTSC IX	100000	1002470	2853.5	
lost to additional IX by	VTA	88783	226.0	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		385738	1005.0	
lost to all in		1031233	3073.5	
Potential Interfering Stat				2
8N CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NH MANCHESTER 9N NH SECAUCUS	BLCT	NPLNU612 19810514KF	LIC	
9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE	BLCT	19860717KF	LIC	
10N RI PROVIDENCE 10A CT NEW HAVEN	BLCT	19960926KF NPLN0612 19810514KF 19860717KF 2395 20031219ACC	LIC	
10A CT NEW HAVEN	BMPCDT	20031219ACC	CP	
After Analysis				
Results for: 9A CT NORWICH		BPRM	20040109AEI	APP
HAAT 192.0 m, ATV ERP	6.0 kW	OPULATION ARE	EA (sq km)	
within Noise Limited Con			21161.2	
not affected by terrain		3173808	19538.7	
lost to NTSC IX	B (D17	832241	1856.6 1670.9	
lost to additional IX by lost to ATV IX only	ATV	298844 1086729	3317.7	
lost to all IX		1131085	3527.5	
Potential Interfering Stat	ions Inc	luded in above	Scenario	2
8N CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NJ SECAUCUS	BLCT	19810514KF	LIC	
9N NY SYRACUSE	BLCT	19860717KF 2395		
	BLCT BMPCDT		LIC CP	
9A NH MANCHESTER	USERREC		APP	
Pogult kov.				
Result key: 3 Scenario 3 Affected Before Analysis	station	3		
Populta for. On om Monutou		DDDM	2004030055	***
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP		BPRM	20040109AEI	APP

### Table 1 (page 3 of 16)

"tenti Horse Dimited COU	Pour	OPULATION AF		
not affected by terrain	losses	3173808	21161.2 19538.7	
lost to NTSC IX		996599	2837.4	
lost to additional IX by	ATV	64813		
within Noise Limited Commot affected by terrain in lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		357397	145.3 920.2	
lost to all IX		1061412	2982.7	
Potential Interfering Stat:				3
8N CT NEW HAVEN	BLCT	19960926KF NPLN0612 19810514KF 19860717KF 2395 DTVP0068	LTC	
9N NH MANCHESTER	DTVPLN	NPLN0612	PLN	
9N NJ SECAUCUS	BLCT	19810514KF	LIC	
9N NY SYRACUSE	BLCT	19860717KF	LIC	
10N RI PROVIDENCE	BLCT	2395	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
After Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6.0 kW	BPRM	20040109AE	I APP
			EA (sq km)	
within Noise Limited Con- not affected by terrain : lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour	3906178	21161.2	
not affected by terrain	losses	3173808	19538.7	
lost to NTSC IX		832241	1856.6	
lost to additional IX by	ATV	274874	1590.2	
lost to all IX		1107115	3241.0	
TODE CO GII IX		110/113	3440.8	
Potential Interfering Stat:				3
8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 10A CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NJ SECAUCUS	BLCT	19810514KF	LIC	
9N NY SYRACUSE	BLCT	19860717KF	LIC	
10A CT NEW HAVEN	BLCT	2395	LIC	
9A NH MANCHESTER	USERRECO	ORD01	APP	
The following station fails 9D NH MANCHESTER ERP 27.50 kW HAAT 315 Antenna none	USERRE	CORD01		cerìa.
	followi	a atation and		-
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 9999999999999	BPRM	20040109AE	I	3
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999	BPRM .0 m RCA	20040109AE AMSL 284.0 m	I	
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192.	BPRM .0 m RCA	20040109AE AMSL 284.0 m	I	
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM .0 m RCA at propose proposal	20040109AE AMSL 284.0 m sal: 0.0 : 2.2	I	
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999	BPRM .0 m RCA at propose proposal	20040109AE AMSL 284.0 m sal: 0.0 : 2.2	I	
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCA ut propose proposal station	20040109AE AMSL 284.0 m sal: 0.0 : 2.2	I	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCX proposal station 6.0 kW	20040109AE AMSL 284.0 m sal: 0.0 : 2.2	I to BPRM to BPRM	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCA at propose proposal station 6.0 kW	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178	to BPRM to BPRM  20040109AE3 EA (sq km) 21161.2	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCA at propose proposal station 6.0 kW	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178 3173808	I to BPRM to BPRM 20040109AE EA (sq km) 21161.2 19538.7	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCJ proposal station 6.0 kW P(cour losses	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178 3173808 996599	I to BPRM to BPRM 20040109AEI EA (sq km) 21161.2 19538.7 2837.4	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCJ proposal station 6.0 kW P(cour losses	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178 3173808 996599 88783	I to BPRM to BPRM  20040109AE3 EA (sq km) 21161.2 19538.7 2837.4 226.0	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCJ proposal station 6.0 kW P(cour losses	20040109AE AMSL 284.0 m sal: 0.0 ; 2.2   BPRM DPULATION AR 3906178 3173808 996599 88783 385738	I to BPRM to BPRM 20040109AE3 EA (sq km) 21161.2 19538.7 2837.4 226.0 1005.0	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCJ proposal station 6.0 kW PC cour losses	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3  BPRM DPULATION AR 3906178 3173808 996599 88783 385738 1085382	I to BPRM to BPRM  20040109AE:  EA (sq km) 21161.2 19538.7 2837.4 226.0 1005.0 3063.4	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCA proposal station 6.0 kW potour losses ATV	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178 3173808 996599 88783 385738 1085382	I to BPRM to BPRM  20040109AE3 EA (sq km) 21161.2 19538.7 2837.4 226.0 1005.0 3063.4 Scenario	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192 Antenna 99999999999999999999999999999999999	BPRM 0 m RCA proposal station 6.0 kW potour losses ATV Lons Incl BLCT	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178 3173808 996599 88783 385738 1085382 Luded in above	I to BPRM to BPRM  20040109AE3 EA (sq km) 21161.2 19538.7 2837.4 226.0 1005.0 3063.4 Scenario LIC	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCJ at proposal station 6.0 kW potour losses ATV lons Incl BLCT DTVPLN	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178 3173808 996599 88783 385738 1085382 Luded in above 19960926KF NPLN0612	I to BPRM to BPRM  20040109AE3  EA (sq km) 21161.2 19538.7 2837.4 226.0 1005.0 3063.4  Scenario  LIC PLN	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCX proposal station 6.0 kW proposal cour losses ATV lons Incl BLCT DTVPLN BLCT	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178 3173808 996599 88783 385738 1085382 Luded in above 19960926KF NPLN0612 19810514KF	I to BPRM to BPRM  20040109AE3  EA (sq km) 21161.2 19538.7 2837.4 226.0 1005.0 3063.4  Scenario  LIC PLN LIC	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192 Antenna 99999999999999999999999999999999999	BPRM 0 m RCM proposal station 6.0 kW proposal cour losses ATV lons Incl BLCT DTVPLN BLCT BLCT BLCT	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178 3173808 996599 88783 385738 1085382 Luded in above 19960926KF NPLN0612 19810514KF 19860717KF	I to BPRM to BPRM  20040109AE  EA (sq km) 21161.2 19538.7 2837.4 226.0 1005.0 3063.4  Scenario  LIC PLN LIC LIC	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCX proposal station 6.0 kW proposal cour losses ATV lons Incl BLCT DTVPLN BLCT	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178 3173808 996599 88783 385738 1085382 Luded in above 19960926KF NPLN0612 19810514KF	I to BPRM to BPRM  20040109AE3  EA (sq km) 21161.2 19538.7 2837.4 226.0 1005.0 3063.4  Scenario  LIC PLN LIC LIC LIC LIC	20040109AEI 20040109AEI
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192. Antenna 99999999999999999999999999999999999	BPRM 0 m RCJ proposal station 6.0 kW po cour losses ATV lons Incl BLCT DTVPLN BLCT BLCT BLCT BLCT BLCT	20040109AE AMSL 284.0 m sal: 0.0 : 2.2  3 BPRM DPULATION AR 3906178 3173808 996599 88783 385738 1085382 Luded in above 19960926KF NPLN0612 19810514KF 19860717KF 2395	I to BPRM to BPRM  20040109AE3  EA (sq km) 21161.2 19538.7 2837.4 226.0 1005.0 3063.4  Scenario  LIC PLN LIC LIC LIC LIC	20040109AEI 20040109AEI

## Table 1 (page 4 of 16)

HAAT 192.0 m, ATV ERP	6.0 kW		20040109AEI	APP
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	P	OPULATION AF	REA (sq km)	
within Noise Limited Con	tour	3906178	21161.2	
not affected by terrain	losses	3173808	19538.7	
lost to MISC IX	י זייי א	832241	1856.6	
lost to ATV IX only	WIA	270044 1086729	1070.9	
lost to all IX		1131085	3527.7	
1000 00 011 11		1131003	3327.3	
Potential Interfering Stat				4
8N CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NJ SECAUCUS	BLCT	19810514KF	LIC	
9N NY SYRACUSE	BLCT	19860717KF	LIC	
10N KI PROVIDENCE	BLCT	2395	LIC CD	
8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 10A CT NEW HAVEN 9A NH MANCHESTER	USERREC	20031219ACC	APP	
	000		•••	
The following station fail 9D NH MANCHESTER ERP 27.50 kW HAAT 315 Antenna none	ed the d USERRE .0 m RC	e minimis inte CORD01 AMSL 453.0 r	erference crit	ceria.
Due to interference to the	followi	ng station and	d scenario:	4
9D CT NORWICH		20040109A		
ERP 6.00 kW HAAT 192	.0 m RC	AMSL 284.0 r	n	
Antenna 9999999999999				
Porcent Corvine lest with	ut propo	gal. 0.0	to BDDM	200401060ET
Percent Service lost without Percent Service lost with	nroposal	. 2.0	to BPRM	20040109ABI
refeeme belvice fobe with	proposar		CO BINIT	200101031121
Result key: 5 Scenario 5 Affected	l station	3		
Before Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6.0 kW	BPRM	20040109AEI	I APP
	P	OPULATION A	REA (sq km)	
not affected by terrain	lcour	39001/8	21101.2	
		2172808	19538 7	
lost to NTSC IX	losses	3173808 1002470	19538.7	
lost to NTSC IX lost to additional IX by	Tosses ATV	3173808 1002470 64949	19538.7 2853.5 149.3	
lost to NTSC IX lost to additional IX by lost to ATV IX only	· ATV	3173808 1002470 64949 410571	19538.7 2853.5 149.3 1025.2	
lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	ATV	3173808 1002470 64949 410571 1067419	19538.7 2853.5 149.3 1025.2 3002.8	
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX				_
Potential Interfering Stat	ions Inc	luded in above	e Scenario	5
Potential Interfering Stat	ions Inc	luded in above	e Scenario	5
Potential Interfering Stat	ions Inc	luded in above	e Scenario	5
Potential Interfering Stat	ions Inc	luded in above	e Scenario	5
Potential Interfering Stat	ions Inc	luded in above	e Scenario	5
Potential Interfering Stat 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE	ions Inc BLCT DTVPLN BLCT BLCT BLCT	luded in above 19960926KF NPLN0612 19810514KF 19860717KF 2395	e Scenario LIC PLN LIC LIC LIC	5
Potential Interfering Stat	ions Inc	luded in above	e Scenario LIC PLN LIC LIC LIC	5
Potential Interfering Stat 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND	ions Inc BLCT DTVPLN BLCT BLCT BLCT BPRM	luded in above 19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AA	E Scenario  LIC PLN LIC LIC LIC C APP	5
Potential Interfering Stat 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN After Analysis	BLCT DTVPLN BLCT BLCT BLCT BLCT BPRM DTVPLN	luded in above 19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AA0 DTVP0068	LIC PLN LIC LIC LIC LIC LIC LIC LIC LIC	
Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN After Analysis Results for: 9A CT NORWICE	BLCT DTVPLN BLCT BLCT BLCT BLCT BPRM DTVPLN	luded in above 19960926KF NPLN0612 19810514KF 19860717KF 2395 2000803AAG DTVP0068	LIC PLN LIC LIC LIC LIC LIC LIC LIC LIC	
Potential Interfering Stat 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN After Analysis	BLCT DTVPLN BLCT BLCT BLCT BLCT BPRM DTVPLN	luded in above 19960926KF NPLN0612 19810514KF 19860717KF 2395 2000803AAC DTVP0068	E Scenario  LIC PLN LIC LIC LIC LIC LIC LIC APP PLN 20040109AE	
Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN After Analysis Results for: 9A CT NORWICK HAAT 192.0 m, ATV ERP within Noise Limited Cor	BLCT DTVPLN BLCT BLCT BLCT BPRM DTVPLN  6.0 kW	19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AA0 DTVP0068	E Scenario  LIC PLN LIC LIC LIC LIC LIC LIC APP PLN 20040109AE	
Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN After Analysis Results for: 9A CT NORWICK HAAT 192.0 m, ATV ERP within Noise Limited Cor	BLCT DTVPLN BLCT BLCT BLCT BPRM DTVPLN  6.0 kW	19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AA0 DTVP0068	LIC PLN LIC LIC LIC LIC LIC LOC APP PLN  20040109AE: REA (sq km) 21161.2	
Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN After Analysis Results for: 9A CT NORWICK HAAT 192.0 m, ATV ERP within Noise Limited Cor	BLCT DTVPLN BLCT BLCT BLCT BPRM DTVPLN  6.0 kW	19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AA0 DTVP0068	LIC PLN LIC LIC LIC LIC LIC LIC SOME APP PLN  20040109AE: REA (sq km) 21161.2 19538.7 1856.6	
Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN After Analysis Results for: 9A CT NORWICK HAAT 192.0 m, ATV ERP within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by	BLCT DTVPLN BLCT BLCT BLCT BPRM DTVPLN  6.0 kW	19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AAC DTVP0068 BPRM OPULATION AI 3906178 3173808 832221 275010	E Scenario  LIC PLN LIC LIC LIC C APP PLN  20040109AE: REA (sq km) 21161.2 19538.7 1856.6 1594.3	
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN  After Analysis  Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP  within Noise Limited Com not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	BLCT DTVPLN BLCT BLCT BLCT BPRM DTVPLN  6.0 kW	19960926KF NPLN0612 19910514KF 19860717KF 2395 20000803AAC DTVP0068 BPRM OPULATION AI 3906178 3173808 832241 275010 1060138	E Scenario  LIC PLN LIC LIC LIC C APP PLN  20040109AE1  REA (sq km) 21161.2 19538.7 1856.6 1594.3 3245.0	
Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN After Analysis Results for: 9A CT NORWICK HAAT 192.0 m, ATV ERP within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by	BLCT DTVPLN BLCT BLCT BLCT BPRM DTVPLN  6.0 kW	19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AAC DTVP0068 BPRM OPULATION AI 3906178 3173808 832221 275010	E Scenario  LIC PLN LIC LIC LIC C APP PLN  20040109AE1  REA (sq km) 21161.2 19538.7 1856.6 1594.3 3245.0	
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN  After Analysis  Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP  within Noise Limited Com not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	BLCT DTVPLN BLCT BLCT BLCT BPRM DTVPLN  6.0 kW Fatour losses	19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AA0 DTVP0068 BPRM OPULATION AI 3906178 3173808 832241 275010 1060138 1107251	LIC PLN LIC	
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN  After Analysis  Results for: 9A CT NORWICK HAAT 192.0 m, ATV ERP  within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	BLCT DTVPLN BLCT BLCT BLCT BPRM DTVPLN  6.0 kW Fatour losses	19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AA0 DTVP0068 BPRM OPULATION AI 3906178 3173808 832241 275010 1060138 1107251	E Scenario  LIC PLN LIC LIC LIC C APP PLN  20040109AE  REA (sq km) 21161.2 19538.7 1856.6 1594.3 3245.0 3450.8 E Scenario	I APP
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN  After Analysis  Results for: 9A CT NORWICK HAAT 192.0 m, ATV ERP  within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NJ SECAUCUS	BLCT BLCT BLCT BLCT BLCT BPRM DTVPLN  6.0 kW atour losses ATV  BLCT BLCT BLCT BLCT BLCT BLCT BLCT	19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AA0 DTVP0068 BPRM OPULATION AI 3906178 3173808 832241 275010 1060138 1107251	E Scenario  LIC PLN LIC LIC LIC LIC LIC LIC LIC 2 APP PLN  20040109AE:  REA (sq km) 21161.2 19538.7 1856.6 1594.3 3245.0 3450.8 E Scenario LIC LIC	I APP
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN  After Analysis  Results for: 9A CT NORWICK HAAT 192.0 m, ATV ERP  within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE	BLCT BLCT BLCT BLCT BLCT BPRM DTVPLN  6.0 kW fatour losses ATV  Lions Inc BLCT BLCT BLCT BLCT BLCT BLCT BLCT BLCT	19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AAC DTVP0068 BPRM OPULATION AI 3906178 3173808 832241 275010 1060138 1107251 Fluded in above	E Scenario  LIC PLN LIC LIC LIC LIC LIC LIC LIC 2 APP PLN  20040109AE:  REA (sq km) 21161.2 19538.7 1856.6 1594.3 3245.0 3450.8 E Scenario LIC LIC LIC	I APP
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN  After Analysis  Results for: 9A CT NORWICK HAAT 192.0 m, ATV ERP within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE	BLCT BLCT BLCT BLCT BLCT BLCT BLCT BLCT	19960926KF NPLN0612 19910514KF 19860717KF 2395 20000803AAC DTVP0068 BPRM OPULATION AI 3906178 3173808 832241 275010 1060138 1107251 Pudded in above 19960926KF 19810514KF 19860717KF 2395	E Scenario  LIC PLN LIC LIC LIC LIC C APP PLN  20040109AE: REA (sq km) 21161.2 19538.7 1856.6 1594.3 3245.0 3450.8 E Scenario LIC LIC LIC LIC LIC LIC	I APP
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN  After Analysis  Results for: 9A CT NORWICK HAAT 192.0 m, ATV ERP  within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE	BLCT BLCT BLCT BLCT BLCT BPRM DTVPLN  6.0 kW Fatour losses ATV  Lions Inc BLCT BLCT BLCT BLCT BLCT BLCT BLCT BLCT	19960926KF NPLN0612 19810514KF 19860717KF 2395 20000803AAC DTVP0068 BPRM OPULATION AI 3906178 3173808 832241 275010 1060138 1107251 Fluded in above	E Scenario  LIC PLN LIC LIC LIC LIC C APP PLN  20040109AE3  REA (sq km) 21161.2 19938.7 1856.6 1594.3 3245.0 3450.8 E Scenario  LIC LIC LIC LIC LIC LIC LIC C APP	I APP

### <u>Table 1</u> (page 5 of 16)

		(page 5	of 16)	
9A NH MANCHESTER	USERREC	ORD01	APP	
Result key: 6 Scenario 6 Affected Before Analysis	station	3		
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6.0 kW		20040109AEI	APP
within Noise Limited Con	P-	OPULATION ARI	EA (sq km)	
not affected by terrain	losses	3173808	21161.2 19538.7	
lost to NTSC IX		1002470	2853.5	
lost to additional IX by	ATV	88919	230.1	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		1091389	3083.6	
Potential Interfering Stat	ions Inc	luded in above	Scenario	6
8N CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NH MANCHESTER	DTVPLN	NPLN0612	PLN	
9N NJ SECAUCUS	BLCT	19810514KF	LIC	
10N RI PROVIDENCE	BLCT	19860/1/KF 2395	PIC	
9A VT RUTLAND	BPRM	20000803AAC	APP	
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN	BMPCDT	20031219ACC	CP	
After Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6 በ <b>ኦ</b> ₩	BPRM	20040109AEI	APP
within Noise Limited Con	tour	3906178 2	21161.2	
not affected by terrain	losses	3173808 1	19538.7	
lost to additional IX by	ATV	298980	1675.0	
lost to ATV IX only		1086865	3321.7	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		1131221	3531.6	
Potential Interfering Stat				6
8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NJ SECAUCUS	BLCT	19810514KF	LIC	
9N NY SYRACUSE	BLCT	19860717KF	LIC	
9A VT RUTLAND	BPRM	20000803AAC	APP	
10A CT NEW HAVEN	BMPCDT	20031219ACC	CP	
9A NH MANCHESTER	USERRECO	ORD01	APP	
Result key: 7 Scenario 7 Affected Before Analysis	station	3		
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP			20040109AEI	APP
michia wai na minisa ma	PC	PULATION ARE	•	
not affected by terrain	loceec	3906178 2	1161.2 .9538.7	
within Noise Limited Com not affected by terrain l lost to NTSC IX lost to additional IX by	100000	1002470	2853.5	
lost to additional IX by	ATV	64813	145.3	
lost to ATV IX only lost to all IX		64813 357397 1067283	920.2 2998.8	
Potential Interfering Stat:	ions Incl	uded in above	Scenario	7
8N CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NH MANCHESTER	DTVPLN	NPLN0612	PLN	
9N NJ SECAUCUS	BLCT	19810514KF 19860717KF	LIC	
9N NY SYRACUSE 10N RI PROVIDENCE	BLCT BLCT	19860717KF 2395	LIC LIC	
10A CT NEW HAVEN				
9A VT RUTLAND	BPRM	DTVP0068 20000803AAC	APP	
After Analysis				
Results for: 9A CT NORWICH		BPRM	20040109AEI	APP
HAAT 192.0 m, ATV ERP		PULATION ARE	A (sq km)	

## Table 1 (page 6 of 16)

within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	ATV	832241 274874 1060002 1107115	21161.2 19538.7 1856.6 1590.2 3241.0 3446.8	
Potential Interfering Stati	ions Inc	luded in above	Scenari <i>o</i>	7
8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 10A CT NEW HAVEN 9A NH MANCHESTER 9A VT RUTLAND	BLCT BLCT BLCT BLCT DTVPLN USERRECO BPRM	19960926KF 19810514KF 19860717KF 2395 DTVP0068 DRD01 20000803AAC	LIC LIC LIC LIC PLN APP APP	
Result key: 8 Scenario 8 Affected Before Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6.0 kW	BPRM OPULATION AR		APP
within Noise Limited Cont not affected by terrain l lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	our osses ATV	3906178 3173808 1002470 88783 385738 1091253	21161.2 19538.7 2853.5 226.0 1005.0 3079.5	
Potential Interfering Stati	ons Inc	luded in above	Scenario	8
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 10A CT NEW HAVEN		19960926KF NPLN0612 19810514KF 19860717KF 2395 20031219ACC	LIC PLN LIC CP	
After Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP  within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	e o leta		20040109AEI EA (sq km) 21161.2 19538.7 1856.6 1670.9 3317.7	APP
9N NY SYRACUSE 10N RI PROVIDENCE 10A CT NEW HAVEN 9A NH MANCHESTER	BLCT BLCT BLCT BLCT BMPCDT USERRECO	19960926KF 19810514KF 19860717KF 2395 20031219ACC	LIC LIC LIC CP APP	8
Result key: 9 Scenario 9 Affected Before Analysis	station	3		
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6.0 kW	BPRM	20040109AEI	APP
within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	our	3906178	EA (sq km) 21161.2 19538.7 2958.4 125.1 1025.2 3083.6	

## Table 1 (page 7 of 16)

8N CT NEW HAVEN			Scenario	9
	BLCT	19960926KF NPLN0612 20040225AAC 19860717KF 2395 20000803AAC DTVP0068	LIC	
9N NH MANCHESTER	DTVPLN	NPLN0612	PLN	
9N NJ SECAUCUS	BPCT	20040225AAQ	APP	
9N NY SYRACUSE	BLCT	19860717KF	LIC	
10N RI PROVIDENCE	BLCT	2395	LIÇ	
9A VT RUTLAND	BPRM	20000803AAC	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
After Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6.0 kW		20040109AE	I APP
	. P(	OPULATION AR	EA (sq km)	
within Noise Limited Con	tour	3906178	21161.2	
not affected by terrain	rosses	31/3808	2018 0	
lost to additional IV by	אידי א	240960	1517 6	
lost to ATV IX only	NI V	1060138	3245 0	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		1114901	3535.6	
Potential Interfering Stat				9
8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NJ SECAUCUS	BPCT	20040225AAQ	APP	
9N NY SYRACUSE	BLCT	19860717KF	LIC	
10N RI PROVIDENCE	BLCT	2395	LIC	
9A VT RUTLAND	BPRM	20000803AAC	APP	
10A CT NEW HAVEN 9A NH MANCHESTER	DIVPLN	DIA50068	PLN APP	
9A NH MANCHESTER	USERREC	OKDOI	APP	
The following station fail 9D NH MANCHESTER ERP 27.50 kW HAAT 315 Antenna none				teria.
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192 Antenna 9999999999999	BPRM .0 m RC	20040109AE	ΣΙ	9
Percent Service lost without Percent Service lost with	ut propo proposal	sal: 0.0	to BPRM	20040109AEI
		: 2.3	CO BERM	20040109AEI
Result key: 10 Scenario 10 Affected Before Analysis	station		CO BEAM	20040109AEI
Before Analysis Results for: 9A CT NORWICH		3 BPRM	20040109AE	
Before Analysis	6.0 kW	3 BPRM	20040109 <b>A</b> E	
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP	6.0 kW	3 BPRM OPULATION AF	20040109 <b>A</b> E REA (sg km)	
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Con	6.0 kW	3 BPRM OPULATION AF 3906178	20040109AE REA (sq km) 21161.2	
Before Analysis  Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP  within Noise Limited Connot affected by terrain	6.0 kW	3 BPRM OPULATION AF 3906178 3173808	20040109AE REA (sq km) 21161.2 19538.7	
Before Analysis  Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP  within Noise Limited Commot affected by terrain lost to NTSC IX	6.0 kW Pe tour losses	3  BPRM  DPULATION AF 3906178 3173808 1012644	20040109 <b>A</b> E REA (sq km) 21161.2 19538.7 2958.4	
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Comnot affected by terrain lost to NTSC IX lost to additional IX by	6.0 kW Pe tour losses	3  BPRM  DPULATION AF 3906178 3173808 1012644 76648	20040109 <b>A</b> E REA (sq km) 21161.2 19538.7 2958.4 189.7	
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	6.0 kW Pe tour losses	3  BPRM  DPULATION AF 3906178 3173808 1012644	20040109 <b>A</b> E REA (sq km) 21161.2 19538.7 2958.4	
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Comnot affected by terrain lost to NTSC IX lost to additional IX by	6.0 kW Po tour losses	3  BPRM  DPULATION AF 3906178 3173808 1012644 76648 438505 1089292	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1	I APP
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State	6.0 kW tour losses ATV ions Inc	3  BPRM  DPULATION AF 3906178 3173808 1012644 76648 438505 1089292  luded in above	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1	I APP
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN	6.0 kW Potour losses ATV ions Inc	BPRM  OPULATION AF 3906178 3173808 1012644 76648 438505 1089292  luded in above	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1 e Scenario	I APP
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER	6.0 kW Potour losses ATV ions Inc BLCT DTVPLN	BPRM DPULATION AF 3906178 3173808 1012644 76648 438505 1089292 luded in above	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1 2 Scenario LIC PLN	I APP
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP  within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS	6.0 kW Potour losses ATV ions Inc BLCT DTVPLN BPCT	BPRM  OPULATION AF 3906178 3173808 1012644 76648 438505 1089292  luded in above 19960926KF NPLN0612 20040225AA(	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1 2 Scenario LIC PLN 2 APP	I APP
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE	6.0 kW tour losses ATV ions Inc BLCT DTVPLN BPCT BLCT	3  BPRM  DPULATION AF 3906178 3173808 1012644 76648 438505 1089292  luded in above 19960926KF NPLN0612 20040225AA( 19860717KF	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1 E Scenario LIC PLN 2 APP LIC	I APP
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE	6.0 kW potour losses ATV ions Inc BLCT DTVPLN BPCT BLCT BLCT BLCT BLCT	BPRM DPULATION AF 3906178 3173808 1012644 76648 438505 1089292 luded in above 19960926KF NPLN0612 20040225AA( 19860717KF 2395	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1 2 Scenario LIC PLN LIC LIC LIC LIC	I APP
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND	6.0 kW Potour losses ATV  ions Inc BLCT DTVPLN BPCT BLCT BLCT BLCT BLCT BPRM	BPRM  OPULATION AF 3906178 3173808 1012644 76648 438505 1089292  luded in above 19960926KF NPLN0612 20040225AA( 19860717KF 2395 20000803AA	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1 2 Scenario LIC PLN 2 APP LIC LIC LIC C APP	I APP
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE	6.0 kW Potour losses ATV  ions Inc BLCT DTVPLN BPCT BLCT BLCT BLCT BLCT BPRM	BPRM DPULATION AF 3906178 3173808 1012644 76648 438505 1089292 luded in above 19960926KF NPLN0612 20040225AA( 19860717KF 2395	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1 2 Scenario LIC PLN 2 APP LIC LIC LIC C APP	I APP
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN After Analysis	6.0 kW potour losses ATV  ions Inc BLCT DTVPLN BPCT BLCT BLCT BLCT BPRM BMPCDT	BPRM DPULATION AF 3906178 3173808 1012644 76648 438505 1089292 luded in above 19960926KF NPLN0612 20040225AA( 19860717KF 2395 20000803AA( 20031219AC(	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1 2 Scenario LIC PLN 2 APP LIC LIC C APP C CP	I APP
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN	6.0 kW potour losses ATV ions Inc BLCT DTVPLN BPCT BLCT BLCT BLCT BLCT BLCT BLCT BLCT CT BLCT CT C	BPRM DPULATION AF 3906178 3173808 1012644 76648 438505 1089292 luded in above 19960926KF NPLN0612 20040225AA( 19860717KF 2395 20000803AA( 20031219AC(	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1 2 Scenario LIC PLN 2 APP LIC LIC LIC C APP C CP 20040109AE	I APP
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN After Analysis Results for: 9A CT NORWICE	6.0 kW tour losses ATV  ions Inc BLCT DTVPLN BPCT BLCT BLCT BPRM BMPCDT	BPRM  DPULATION AF 3906178 3173808 1012644 76648 438505 1089292 luded in above 19960926KF NPLN0612 20040225AA( 19860717KF 2395 20000803AA( 20031219AC(	20040109AE REA (sq km) 21161.2 19538.7 2958.4 189.7 1105.9 3148.1 2 Scenario LIC PLN 2 APP LIC LIC C APP C CP	I APP

### Table 1 (page 8 of 16)

lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	ATV 1	873941 263113 086865 137054	2018.0 1582.1 3321.7 3600.2	
Potential Interfering Stat:	ions Inclu	ded in above	Scenario	10
8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN 9A NH MANCHESTER	BLCT BPCT BLCT BLCT BPRM BMPCDT USERRECOR	19960926KF 20040225AAQ 19860717KF 2395 20000803AAC 20031219ACC	LIC APP LIC LIC APP CP APP	
The following station fails 9D NH MANCHESTER ERP 27.50 kW HAAT 315 Antenna none	ed the de USERRECO .0 m RCAM	minimis inte RD01 SL 453.0 m	rference crit	ceria.
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192 Antenna 9999999999999	following BPRM .0 m RCAM	station and 20040109AE SL 284.0 m	scenario: I	10
Percent Service lost without Percent Service lost with p	it proposa proposal:	1: 0.0	to BPRM to BPRM	20040109AEI 20040109AEI
Result key: 11 Scenario 11 Affected Before Analysis	station	3		
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6.0 kW		20040109AE: EA (sq km)	I APP
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour 3 losses 3 ATV	906178 173808 012644 54495 357397 067139	21161.2 19538.7 2958.4 125.1 920.2 3083.6	
Potential Interfering Stat				11
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 10A CT NEW HAVEN 9A VT RUTLAND	BLCT DTVPLN BPCT BLCT BLCT DTVPLN BPRM	19960926KF NPLN0612 20040225AAQ 19860717KF 2395 DTVP0068 20000803AAC	LIC PLN APP LIC LIC PLN APP	
After Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6.0 kW	BPRM	20040109AE	I APP
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour 3 losses 3 ATV	173808 873941 240960 060002	EA (sq km) 21161.2 19538.7 2018.0 1517.6 3241.0 3535.6	
Potential Interfering Stat	ions Inclu	ded in above	Scenario	11
10A CT NEW HAVEN 9A NH MANCHESTER 9A VT RUTLAND The following station fail	USERRECOR BPRM ed the de	20000803AAC	LIC LIC PLN APP APP	teria.
9D NH MANCHESTER	USERRECO	TOUN		

### Table 1 (page 9 of 16)

ERP 27.50 kW HAAT 315.0 m RCAMSL 453.0 m none Antenna Due to interference to the following station and scenario: 9D CT NORWICH BPRM 20040109AEI ERP 6.00 kW HAAT 192.0 m RCAMSL 284.0 m Antenna 9999999999999 Percent Service lost without proposal: 0.0 to BPRM Percent Service lost with proposal: 2.3 to BPRM 20040109AEI Result key: 12 Coenario 12 Affected station Before Analysis Results for: 9A CT NORWICH BPRM 20040109AEI APP HAAT 192.0 m, ATV ERP 6.0 kW POPULATION AREA (sq km) 3906178 within Noise Limited Contour 21161.2 not affected by terrain losses 3173808 19538.7 1012644 2958.4 lost to NTSC IX lost to additional IX by ATV 76648 189.7 lost to ATV IX only 385738 1005.0 lost to all IX 1089292 3148.1 Potential Interfering Stations Included in above Scenario 12 8N CT NEW HAVEN BLCT 19960926KF 9N NH MANCHESTER DTVPLN NPLN0612 PLN 9N NJ SECAUCUS BPCT 20040225AAQ APP 9N NY SYRACUSE BLCT 19860717KF LIC 10N RI PROVIDENCE BLCT 2395 LIC 10A CT NEW HAVEN BMPCDT 20031219ACC CP 9A VT RUTLAND BPRM 20000803AAC APP After Analysis BPRM 20040109AEI APP Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP 6.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3906178 21161.2 not affected by terrain losses lost to NTSC IX 3173808 19538.7 2018.0 873941 lost to additional IX by ATV 263113 1582.1 lost to ATV IX only 1086729 3317.7 lost to all IX 1137054 3600.2 Potential Interfering Stations Included in above Scenario 19960926KF LIC BLCT 8N CT NEW HAVEN 20040225AAQ APP 9N NJ SECAUCUS BPCT 9N NY SYRACUSE BLCT 19860717KF LIC 10N RI PROVIDENCE BLCT 2395 LIC BMPCDT 20031219ACC CP BLCT 2395 LIC 10A CT NEW HAVEN 9A NH MANCHESTER USERRECORD01 APP 20000803AAC APP 9A VT RUTLAND BPRM The following station failed the de minimis interference criteria. 9D NH MANCHESTER USERRECORD01 ERP 27.50 kW HAAT 315.0 m RCAMSL 453.0 m Antenna none Due to interference to the following station and scenario: 12 9D CT NORWICH BPRM 20040109AEI ERP 6.00 kW HAAT 192.0 m RCAMSL 284.0 m 9999999999999 Antenna 0.0 to BPRM 2.3 to BPRM 20040109AEI Percent Service lost without proposal: Percent Service lost with proposal: 20040109AEI Result key: 13 Scenario 13 Affected station Before Analysis Results for: 9A CT NORWICH BPRM 20040109AEI APP

## <u>Table 1</u> (page 10 of 16)

		Q0-		
HAAT 192.0 m, ATV ERP	6.0 kW			
	PC	PULATION :	AREA (sq km)	
within Noise Limited Cor	itour	3906178	21161.2	
not affected by terrain	losses	3173808	19538.7	
lost to NTSC IX		996599	2837.4	
lost to additional IX by	ATA	64949	149.3	
lost to Alv IX Only		4105/1	1025.2	
within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX				
Potential Interfering Stat				13
8N CT NEW HAVEN 9N NH MANCHESTER 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN	BLCT	19960926KI	F LIC	
9N NH MANCHESTER	DTVPLN	NPLN0612	PLN	
9N NJ SECAUCUS	BLCT	19810514KI	F LIC	
ON DI DECUIDENCE	BPC.L	19860717KI	F LIC	
9A UT PITTAND	BUCL	2395	TIC.	
IOA CT NEW HAVEN	ויואים מיניתים	20000803A2	AC APP	
TOTAL CT MAN INTO MAN	DIVEDN	D1 V P 0 0 6 8	PUN	
After Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	i Cobr	BPRM	20040109A	EI APP
HAAT 192.0 M, ATV ERP	6.0 KW	PULATION A	AREA (sa km)	
within Noise Limited Con	itour	3906178	21161.2	
not affected by terrain	losses	3173808	19538.7	
lost to NTSC IX		832241	1856.6	
lost to additional IX by	V ATV	275010	1594.3	
lost to ATV IX only		1060138	3245.0	
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		1107251	3450.8	
Potential Interfering Stat				13
8N CT NEW HAVEN	BLCT	19960926KF 19810514KF 19860717KF 2395 20000803AF DTVP0068 RD01	LIC	
9N NJ SECAUCUS 9N NY SYRACUSE	BLCT	19810514KF	F LIC	
9N NY SYRACUSE	BLCT	19860717KF	FLIC	
ON RI PROVIDENCE	BLCT	2395	LIC	
9A VT RUTLAND 0A CT NEW HAVEN	BPRM	20000803AA	AC APP	
9A NH MANCHESTER	DIVPLN USERRECO	DTVP0068	PLN ADD	
The following station fail 9D NH MANCHESTER ERP 27.50 kW HAAT 315 Antenna none	ed the de	minimis int ORD01	erference cr	iteria.
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192 Antenna 9999999999999999	BPRM .0 m RCA	20040109A	EI	13
Percent Service lost witho Percent Service lost with	ut propos	al: 0.0	to BPRM	20040109AEI
reicent service lost with	brobosar:	2.2	to BPRM	20040109AE1
Result key: 14 Scenario 14 Affected Before Analysis	station	3		
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP		BPRM	20040109AF	I APP
within Noise Limited Con			REA (sq km)	
not affected by terrain		3906178 3173808	21161.2 19538.7	
lost to NTSC IX	-00569	996599	2837.4	
lost to MISC IX	ATV	88919	230.1	
lost to ATV IX only		438505	1105.9	
lost to all IX		1085518	3067.4	
Potential Interfering Stat	ions Incl	uded in abov	e Scenario	14
8N CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NH MANCHESTER	DTVPLN	NPLN0612		
9N NJ SECAUCUS	BLCT	19810514KF		
9N NY SYRACUSE	BLCT	19860717KF		
ON RI PROVIDENCE	BLCT	2395	LIC	
9A VT RUTLAND	BPRM	20000803AA	C APP	

### <u>Table 1</u> (page 11 of 16)

10A CT NEW HAVEN BMPCDT 20031219ACC CP After Analysis Results for: 9A CT NORWICH BPRM 20040109AEI APP HAAT 192.0 m, ATV ERP 6.0 kW POPULATION AREA (sq km) 3906178 within Noise Limited Contour 21161.2 not affected by terrain losses 3173808 19538.7 lost to NTSC IX 832241 1856.6 lost to additional IX by ATV 298980 1675.0 lost to ATV IX only 1086865 lost to all IX 1131221 Potential Interfering Stations Included in above Scenario 14 8N CT NEW HAVEN BLCT 19960926KF LIC 9N NJ SECAUCUS BLCT 19810514KF LIC 9N NY SYRACUSE BLCT 19860717KF LIC 10N RI PROVIDENCE BLCT 2395 LIC 9A VT RUTLAND 20000803AAC APP BPRM 10A CT NEW HAVEN BMPCDT 20031219ACC CP 9A NH MANCHESTER USERRECORD01 APP The following station failed the de minimis interference criteria. 9D NH MANCHESTER USERRECORD01 ERP 27.50 kW HAAT 315.0 m RCAMSL 9D NH MANCHESTER USERRECORD01 453.0 m Antenna none Due to interference to the following station and scenario: 9D CT NORWICH BPRM 20040109AE ERP 6.00 kW HAAT 192.0 m RCAMSL 284.0 m 20040109AEI 9999999999999 Antenna Percent Service lost without proposal: 0.0 to BPRM 20040109AEI Percent Service lost with proposal: 2.2 to BPRM 20040109AEI Result key: 15 15 Affected station Scenario Before Analysis Results for: 9A CT NORWICH 20040109AEI APP BPRM HAAT 192.0 m, ATV ERP 6.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3906178 21161.2 not affected by terrain losses 3173808 19538.7 lost to NTSC IX 996599 2837.4 lost to additional IX by ATV 64813 145.3 lost to ATV IX only 357397 920.2 lost to all IX 1061412 2982.7 Potential Interfering Stations Included in above Scenario 8N CT NEW HAVEN BLCT 19960926KF LIC 9N NH MANCHESTER DTVPLN NPLN0612 PLN9N NJ SECAUCUS BLCT 19810514KF LIC 9N NY SYRACUSE BLCT 19860717KF LIC 10N RI PROVIDENCE BLCT 2395 LIC 10A CT NEW HAVEN DTVPLN DTVP0068 PLN 9A VT RUTLAND BPRM 20000803AAC APP After Analysis BPRM 20040109AEI APP Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP 6.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3906178 21161.2 not affected by terrain losses 3173808 19538.7 lost to NTSC IX 832241 1856.6 lost to additional IX by ATV 274874 1590.2 lost to ATV IX only 1060002 3241.0 lost to all IX 1107115 3446.8 Potential Interfering Stations Included in above Scenario

BLCT

8N CT NEW HAVEN

Cavell, Mertz & Davis, Inc.

19960926KF LIC

### <u>Table 1</u> (page 12 of 16)

9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 10A CT NEW HAVEN 9A NH MANCHESTER 9A VT RUTLAND	BLCT BLCT BLCT DTVPLN USERRECORI BPRM	19810514KF 19860717KF 2395 DTVP0068 D01 20000803AAC minimis inter	LIC LIC LIC PLN APP APP	
The following station fail 9D NH MANCHESTER ERP 27.50 kW HAAT 315 Antenna none	USERRECO	RD01	ference cri	teria.
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192 Antenna 9999999999999	BPRM .0 m RCAMS	20040109AEI		15
Percent Service lost witho Percent Service lost with	ut proposal proposal:	1: 0.0 t 2.2 t	O BPRM	20040109AEI 20040109AEI
Result key: 16 Scenario 16 Affected Before Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6.0 kW	BPRM	20040109AE	I APP
	POP	ULATION ARE	A (sq km)	
within Noise Limited Con	tour 39	906178 2	1161.2	
not affected by terrain	losses 3	173808 1	.9538.7	
lost to additional IX by	ነምል	996599 88783	226 0	
lost to ATV IX only	AIV	385738	1005.0	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	10	085382	3063.4	
Potential Interfering Stat	ions Includ	ded in above	Scenario	16
8N CT NEW HAVEN	BLCT	19960926KF NPLN0612 19810514KF 19860717KF 2395 20031219ACC 20000803AAC	LIC	
9N NH MANCHESTER	DTVPLN	NPLN0612	PLN	
9N NJ SECAUCUS	BLCT	19810514KF	LIC	
9N NY SYRACUSE	BLCT	19860717KF	LIC	
10N RI PROVIDENCE	BLCT	2395	LIC	
10A CT NEW HAVEN	BMPCDT	20031219ACC	CP	
9A VT RUTLAND	BPRM	20000803AAC	APP	
After Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP	6.0 kW	T 200 - 200	20040109AE	I APP
within Noise Limited Con not affected by terrain lost to NTSC IX	tour 39	906178 AX2	1161.2	
not affected by terrain	losses 3:	173808 1	9538.7	
lost to NTSC IX	į.	832241	1856.6	
lost to additional IX by	VTA:	298844	1670.9	
lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	10	086729	3317.7	
lost to all IX	+-	131085	3327.3	
Potential Interfering Stat	ions Includ		Scenario	16
8N CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NJ SECAUCUS		19810514KF		
9N NY SYRACUSE 10N RI PROVIDENCE		19860717KF 2395	LIC LIC	
		20031219ACC		
9A NH MANCHESTER	USERRECORI		APP	
9A VT RUTLAND	BPRM	20000803AAC	APP	
The following station fail			ference crit	ceria.
9D NH MANCHESTER ERP 27.50 kW HAAT 315	USERRECOI			
Antenna none	. o m RCAM	SL 453.0 m		
110410				
Due to interference to the	following	station and	scenario:	16
9D CT NORWICH	BPRM	20040109AEI		
	.0 m RCAM	SL 284.0 m		
Antenna 9999999999999				

### <u>Table 1</u> (page 13 of 16)

Percent Service lost with Percent Service lost with	ut proposal: proposal:	0.0 to 2.2 to	BPRM BPRM	20040109AEI 20040109AEI
Result key: 17 Scenario 17 Affected Before Analysis				
Results for: 9A CT NORWICE HAAT 192.0 m, ATV ERP	6.0 kW	BPRM	20040109AEI	APP
within Noise Limited Con			A (sq km) 1161.2	
not affected by terrain	100cec 3173	2000 10	9538.7	
lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	1006 54 ATV 54	5773 :	2942.3 125.1	
lost to ATV IX only	410	571	1025.2 3067.4	
lost to all IX	1061	L268	3067.4	
Potential Interfering Stat	ions Included	l in above :	Scenario	17
8N CT NEW HAVEN 9N NH MANCHESTER	BLCT 19	9960926KF	LIC	
9N NJ SECAUCUS	DTVPLN NF BPCT 20 BLCT 19 BLCT 23 BPRM 20	2LNU612 0040225AAO	APP	
9N NY SYRACUSE	BLCT 19	9860717KF	LIC	
10N RI PROVIDENCE	BLCT 23	95	LIC	
9A VT RUTLAND 10A CT NEW HAVEN	BPRM 20 DTVPLN DI	0000803AAC	APP	
TOM CI NEW HAVEN	DIVELIN DI	IVFUUGS	FUN	
After Analysis				
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP		BPRM	20040109AEI	APP
	DODITE A	ATION AREA	A (sq km)	
within Noise Limited Con not affected by terrain lost to NTSC IX	tour 3906	178 2	1161.2	
not affected by terrain	losses 3173	808 1	9538.7	
lost to NTSC IX	873 340	3941	2018.0 L517.6	
lost to additional IX by	1060	1138	3245.0	
lost to all IX	1114	1901		
Potential Interfering Stat	ions Included	in above :	Scenario	17
8N CT NEW HAVEN	BLCT 19	9960926KF	LIC	
9N NJ SECAUCUS	BPCT 20	0040225AAQ		
9N NY SYRACUSE	BLCT 19	9860717KF	LIC	
	DUCI 23	395 0000803AAC		
TOR ON NUMBER OF STREET	DTVPLN DI	rvPoo68	PLN	
9A NH MANCHESTER	USERRECORD01		APP	
The following station fail 9D NH MANCHESTER ERP 27.50 kW HAAT 315	USERRECORDO	01	ference crit	eria.
Antenna none				
Due to interference to the 9D CT NORWICH ERP 6.00 kW HAAT 192 Antenna 999999999999	BPRM 2	20040109AEI	scenario:	17
Percent Service lost witho	ut proposal:	0.0 +	n BPRM	20040109AEI
Percent Service lost with				20040109AEI
- 10 hours				
Result key: 18 Scenario 18 Affected Before Analysis	station	3		
Results for: 9A CT NORWICH HAAT 192.0 m, ATV ERP		BPRM	20040109AEI	APP
	POPULA		A (sq km)	
within Noise Limited Con			1161.2	
not affected by terrain lost to NTSC IX			9538.7 2942.3	
lost to additional IX by			189.7	
lost to ATV IX only	438		1105.9	
lost to all IX	1083	3421	3132.0	

### <u>Table 1</u> (page 14 of 16)

Potential Interfering Sta	tions Incl	uded in above	Scenario	18
8n CT NEW HAVEN	BLCT	19960926KF	LIC	
9N NH MANCHESTER	DTUDIN	NDINGELO	DIM	
9N NJ SECAUCUS	BDCT	2004022577	A DD	
9N NY SYRACUSE	BLCT	19860717KF	t.t.C	
10N RI PROVIDENCE	BLCT	2395	t.TC	
9A VT RUTLAND	BPRM	19960926KF NPLN0612 20040225AAQ 19860717KF 2395 20000803AAQ 20031219ACQ	ADD	
10A CT NEW HAVEN	BMPCDT	2003000037470	י כס	
	2	200312131100		
After Analysis				
Results for: 9A CT NORWIC HAAT 192.0 m, ATV ERP	C 0 1414		20040109AF	EI APP
TRACE 192.0 til, ATV ERF	0.0 AN	PULATION AR	EA (so km)	
within Noise Limited Co	ntour	3906178	21161.2	
not affected by terrain	losses	3173808	19538.7	
lost to NTSC IX		873941	2018.0	
lost to additional IX by	y ATV	263113	1582.1	
lost to ATV IX only		1086865	3321.7	
within Noise Limited Co not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX		1137054	3600.2	
Potential Interfering Sta				18
8N CT NEW HAVEN	BL.CT	1996092688	T.T.C	
8N CT NEW HAVEN 9N NJ SECAUCUS 9N NY SYRACUSE 10N RI PROVIDENCE 9A VT RUTLAND 10A CT NEW HAVEN 9A NH MANCHESTER	BPCT	20040225220	APP	
9N NY SYRACUSE	BLCT	19860717KF	LIC	
10N RI PROVIDENCE	BLCT	2395	LIC	
9A VT RUTLAND	BPRM	20000803AAC	APP	
10A CT NEW HAVEN	BMPCDT	20031219ACC	CP	
9A NH MANCHESTER	USERRECO	RD01	APP	
The following station fai 9D NH MANCHESTER ERP 27.50 kW HAAT 31 Antenna none	led the de	minimis inte	rference cri	iteria.
Due to interference to the				18
9D CT NORWICH	BPRM	20040109AE	I	
ERP 6.00 kW HAAT 19 Antenna 9999999999999	9			
	9 out propos	al: 0.0	to BPRM	20040109AEI 20040109AEI
Antenna 99999999999999999999999999999999999	out propos proposal:	al: 0.0 2.6	to BPRM	
Antenna 99999999999999999999999999999999999	e out propos proposal: i station	3 BPRM	to BPRM	20040109AEI
Antenna 99999999999999999999999999999999999	pout proposal: d station  H  6.0 kW	BPRM	to BPRM to BPRM 20040109AE	20040109AEI
Antenna 99999999999999999999999999999999999	pout proposal: d station  H  6.0 kW	BPRM	to BPRM to BPRM 20040109AE	20040109AEI
Antenna 99999999999999999999999999999999999	pout proposal: d station  H  6.0 kW	BPRM	to BPRM to BPRM 20040109AE EA (sq km)	20040109AEI
Antenna 99999999999999999999999999999999999	pout proposal: d station 6.0 kw Pontour losses	BPRM  DPULATION AR 3906178 3173808	to BPRM to BPRM 20040109AE EA (sq km) 21161.2 19538.7 2942.3	20040109AEI
Antenna 99999999999999999999999999999999999	pout proposal: d station 6.0 kw Pontour losses	BPRM  DPULATION AR 3906178 3173808 1006773 54495	to BPRM to BPRM 20040109AE EA (sq km) 21161.2 19538.7 2942.3 125.1	20040109AEI
Antenna 99999999999999999999999999999999999	pout proposal: d station d 6.0 kw pontour losses y ATV	BPRM  DPULATION AR 3906178 3173808 1006773 54495 357397	to BPRM to BPRM 20040109AE EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2	20040109AEI
Antenna 99999999999999999999999999999999999	pout proposal: d station d 6.0 kw pontour losses y ATV	BPRM  DPULATION AR 3906178 3173808 1006773 54495	to BPRM to BPRM 20040109AE EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2	20040109AEI
Antenna 99999999999999999999999999999999999	pout proposal: d station d 6.0 kW pontour losses y ATV	BPRM  BPRM  BPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above	to BPRM to BPRM 20040109AE EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario	20040109AEI
Antenna 99999999999999999999999999999999999	pout proposal: d station d 6.0 kW pontour losses y ATV	BPRM  BPRM  BPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above	to BPRM to BPRM 20040109AE EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario	20040109AEI
Antenna 99999999999999999999999999999999999	pout proposal: d station d 6.0 kW pontour losses y ATV	BPRM  BPRM  BPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above	to BPRM to BPRM 20040109AE EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario	20040109AEI
Antenna 99999999999999999999999999999999999	pout propose proposal:  d station  6.0 kW  PO  ntour  losses  y ATV  tions Incl  BLCT  DTVPLN  BPCT	BPRM  DPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above  19960926KF NPLN0612 20040225AAO	to BPRM to BPRM 20040109AF EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario LIC PLN APP	20040109AEI
Antenna 99999999999999999999999999999999999	pout propose proposal:  d station  6.0 kW PC  ntour losses  y ATV  tions Incl  BLCT  DTVPLN  BPCT  BLCT	BPRM  DPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above 19960926KF NPLN0612 20040225AAQ 19860717KF	to BPRM to BPRM  20040109AF EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario LIC PLN APP LIC	20040109AEI
Antenna 99999999999999999999999999999999999	pout propose proposal:  d station  6.0 kW PC  ntour losses  y ATV  tions Incl  BLCT  DTVPLN  BPCT  BLCT	BPRM  DPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above 19960926KF NPLN0612 20040225AAQ 19860717KF	to BPRM to BPRM  20040109AF EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario LIC PLN APP LIC	20040109AEI
Antenna 99999999999999999999999999999999999	pout propose proposal:  d station  6.0 kW PC  ntour losses  y ATV  tions Incl  BLCT  DTVPLN  BPCT  BLCT	BPRM  DPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above 19960926KF NPLN0612 20040225AAQ 19860717KF	to BPRM to BPRM  20040109AF EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario LIC PLN APP LIC	20040109AEI
Antenna 99999999999999999999999999999999999	pout propose proposal:  d station  6.0 kW PC  ntour losses  y ATV  tions Incl  BLCT  DTVPLN  BPCT  BLCT	BPRM  DPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above 19960926KF NPLN0612 20040225AAQ 19860717KF	to BPRM to BPRM  20040109AF EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario LIC PLN APP LIC	20040109AEI
Antenna 99999999999999999999999999999999999	pout propose proposal:  d station  6.0 kW PC  ntour losses  y ATV  tions Incl  BLCT  DTVPLN  BPCT  BLCT	BPRM  DPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above  19960926KF NPLN0612 20040225AAO	to BPRM to BPRM  20040109AF EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario LIC PLN APP LIC	20040109AEI
Antenna 99999999999999999999999999999999999	pout propose proposal: d station d 6.0 kW Poutour losses y ATV tions Incl BLCT DTVPLN BPCT BLCT BLCT BLCT DTVPLN BPCT BLCT BLCT BLCT BLCT BLCT BLCT BLCT BL	BPRM  DPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above 19960926KF NPLN0612 20040225AAQ 19860717KF 2395 DTVP0068 20000803AAC	to BPRM to BPRM  20040109AF  EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4  Scenario  LIC PLN APP LIC LIC PLN APP	20040109AEI EI APP
Antenna 99999999999999999999999999999999999	pout propose proposal: d station d 6.0 kW Pout propose	BPRM  BPRM  BPRM  BPRM  BPRM  BPULATION AR  3906178  3173808 1006773  54495 357397 1061268  uded in above  19960926KF NPLN0612 20040225AAQ 19860717KF 2395 DTVP0068 20000803AAC	to BPRM to BPRM  20040109AF EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario LIC PLN APP LIC	20040109AEI EI APP
Antenna 99999999999999999999999999999999999	pout propose proposal: distation dis	BPRM  BPRM  BPRM  BPRM  BPRM  BPULATION AR  3906178  3173808 1006773  54495 357397 1061268  uded in above  19960926KF NPLN0612 20040225AAQ 19860717KF 2395 DTVP0068 20000803AAC	to BPRM to BPRM  20040109AE EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario  LIC PLN APP LIC LIC PLN APP 20040109AE	20040109AEI EI APP
Antenna 99999999999999999999999999999999999	pout propose proposal: d station d 6.0 kW Pontour losses y ATV tions Incl BLCT DTVPLN BPCT BLCT BLCT BLCT DTVPLN BPCT BLCT BCT DTVPLN BPRM d 6.0 kW PC	BPRM  DPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above 19960926KF NPLN0612 20040225AAQ 19860717KF 2395 DTVP0068 20000803AAC  BPRM  DPULATION AR 3906178	to BPRM to BPRM  20040109AE EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario LIC PLN APP LIC LIC PLN APP 20040109AE EA (sq km) 21161.2	20040109AEI EI APP
Antenna 99999999999999999999999999999999999	pout propose proposal: d station d 6.0 kW Pontour losses y ATV tions Incl BLCT DTVPLN BPCT BLCT BLCT BLCT DTVPLN BPCT BLCT BCT DTVPLN BPRM d 6.0 kW PC	BPRM  DPULATION AR 3906178 3173808 1006773 54495 357397 1061268  uded in above 19960926KF NPLN0612 20040225AAQ 19860717KF 2395 DTVP0068 20000803AAC  BPRM  DPULATION AR 3906178	to BPRM to BPRM  20040109AE EA (sq km) 21161.2 19538.7 2942.3 125.1 920.2 3067.4 Scenario LIC PLN APP LIC LIC PLN APP 20040109AE EA (sq km)	20040109AEI EI APP

### <u>Table 1</u> (page 15 of 16)

lost to NTSC IX		873941	2018.0			
lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	ATV	240960	1517.6			
lost to ATV IX only		1060002	3241.0			
lost to all IX		1114901	3535.6			
Potential Interfering Stat	ions Incl	uded in above	Scenario	19		
8N CT NEW HAVEN	BLCT	19960926KF 20040225AAQ 19860717KF 2395 DTVP0068 RD01	LIC			
9N NJ SECAUCUS	BPCT	20040225AAO	APP			
9N NY SYRACUSE	BLCT	19860717KF	LIC			
10N RI PROVIDENCE	BLCT	2395	LIC			
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN			
9A NH MANCHESTER	USERRECO	RD01	APP			
9A VT RUTLAND	BPRM	20000803AAC	APP			
The following station fail			rerence crit	eria.		
9D NH MANCHESTER						
ERP 27.50 kW HAAT 315 Antenna none	. U III KCA	MSL 453.0 M				
Airceima none						
Due to interference to the	followin	o station and	ecenario.	10		
9D CT NORWICH	BDRM	20040109AEI	Scenario.	19		
ERP 6.00 kW HAAT 192			•			
Antenna 9999999999999						
Percent Service lost withou	at propos	al: 0.0 t	O BPRM	20040109AEI		
Percent Service lost with	proposal:	2.5 t	O BPRM	20040109AEI		
	_					
Result key: 20						
Scenario 20 Affected	station	3				
Before Analysis						
Results for: 9A CT NORWICH		DDBM	00040100397			
HAAT 192.0 m, ATV ERP		BPKM	20040109AEI	APP		
		DITT 3 DIT ( ) 3 D D	'A /aa lam\			
within Noise Limited Con-	FOUR	PULATION ARE	.A (SQ KIII)			
not affected by terrain	logged	3173808 1	9538 7			
lost to NTSC IX	200000	1006773	2942.3			
lost to additional IX by	ATV	76648	189.7			
lost to ATV IX only		385738	1005.0			
within Noise Limited Comnot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		1083421	3132.0			
Potential Interfering Stat.	ions Incl	uded in above	Scenario	20		
8N CT NEW HAVEN	BLCT	19960926KF	LIC			
9N NH MANCHESTER	DTVPLN	NPLN0612	PLN			
9N NJ SECAUCUS	BPCT	20040225AAQ	APP			
9N NY SYRACUSE	BLCT	19960926KF NPLN0612 20040225AAQ 19860717KF 2395 20031219ACC 20000803AAC	LIC			
10N RI PROVIDENCE	BLCT	2395	PIC			
10A CT NEW HAVEN 9A VT RUTLAND	BMPCDI	20031219ACC	ADD ADD			
9A VI ROIDAND	DPKM	20000003AAC	APP			
After Analysis						
THE COLUMN TYPE						
Results for: 9A CT NORWICH		BPRM	20040109AE1	APP		
HAAT 192.0 m, ATV ERP	6.0 kW					
		PULATION ARE				
within Noise Limited Con		3906178 2	1161.2			
not affected by terrain			9538.7			
lost to NTSC IX		•	2018.0			
lost to additional IX by		-	1582.1			
lost to ATV IX only			3317.7			
lost to all IX		1137054	3600.2			
Potential Interfering Stat:	ione Incl	uded in above	Scenario	20		
rocencial intelleting Stat.	LONS INCL	area tu above	SCENAL IU	20		
8N CT NEW HAVEN	BLCT	19960926KF	LIC			
9N NJ SECAUCUS	BPCT	20040225AAQ				
9N NY SYRACUSE	BLCT	19860717KF	LIC			
10N RI PROVIDENCE	BLCT	2395	LIC			
10A CT NEW HAVEN	BMPCDT	20031219ACC				
9A NH MANCHESTER	USERRECO		APP			
9A VT RUTLAND		20000803AAC				
The following station failed the de minimis interference criteria.						
9D NH MANCHESTER	USERREC	ORD01				

#### Table 1 (page 16 of 16)

ERP 27.50 kW HAAT 315.0 m RCAMSL 453.0 m none

Percent Service lost without proposal: 0.0 to BPRM 20040109AEI Percent Service lost with proposal: 2.6 to BPRM 20040109AEI

#### Certificate of Service

The undersigned, of the law firm of Brooks, Pierce, McLendon, Humphrey & Leonard, L.L.P., hereby certifies that s/he has caused a copy of the foregoing Comments of Hearst-Argyle Properties, Inc. to be placed in the U.S. Mail, first-class postage prepaid, addressed as follows:

Steven C. Schaffer Schwartz, Woods & Miller 1350 Connecticut Avenue, N.W. Suite 300 Washington, D.C. 20036-1717

This the 6 day of July, 2004.

Sandra S. Kreps